DEC 0 1 2004

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Name of person signing this certificate

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TDANGMITTAL			Application Number	09/687,348			
TRANSMITTAL FORM			Filing Date	October 12, 2000			
• =			First Named Inventor	Nagarajan			
(to be used for all correspondence after initial filing)			Art Unit	2663			
			Examiner Name	Chi Ho A. Lee			
Total Number of Pages in This Submission			Attorney Docket Number	Nagarajan 16-13-2			
ENCLOSURES (check all that apply)							
Fee Transmittal For	m	☐ Drawin		After Allowance Communication to Technology Center (TC)			
Fee Attached		Licens	ing-related Papers	Appeal Communication to Board of Appeals and Interferences			
Amendment / Reply	(15 pgs.)	Petitio	n	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
After Final	•		n to Convert to a Ional Application	Proprie	tary Information		
Affidavits/declar	ration(s)		of Attorney, Revocation ge of Correspondence Address	Status Letter			
Extension of Time Request			nal Disclaimer	Other Enclosure(s) (please identify below):			
		Reque	est for Refund	Facsimile Transmission Sheet			
Express Abandonment Request		CD, N	umber of CD(s)				
Information Disclosure Statement			•				
Certified Copy of Priority Document(s)		Rem	arks				
Response to Missing Parts/ Incomplete Application							
Response to M Parts under 37 1.52 or 1.53							
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT							
Firm Gregory C. Ranieri, Reg. No. 29,895							
or Individual name Moser, Patterson & Sheridan, LLP							
Signature	They	our (	Maineir				
Signature Legous Maineir  Data Dec. 1; 2004							
CERTIFICATE OF TRANSMISSION/MAILING							
I hereby certify that the Service with sufficient Alexandria, VA 22313-	l costane as first	class mail	esimile transmitted to the USPTC in an envelope addressed to: C v.	or deposited Commissioner	with the United States Postal for Patents, P.O. Box 1450,		
Typed or printed name	<del></del>	. RANI					
Signature		Cam		Date	DEC. 1,2004		

This collection of Information is required by 37 CFR 1.5. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by S5 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for roducing this burdan, should be sent to the Chef Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTC/S8/21 (04-04)

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Filing Date  Filing Date  First Named Inventor  Art Unit  2663  Examiner Name  Chi Ho A. Lee  Nagarajan 16-13-2  ENCLOSURES (check all that apply)  Fee Transmittal Form  Pres Attached  Amendment / Reply  After Final  Petition  After Final  Power of Attorney, Revocation Change of Correspondence Address  Affidevits/declaration(s)  Final Disclaimer  Filing Date  Filing Date  Coctober 12, 2000  Nagarajan  Nagarajan  Art Unit  2663  Examiner Name  Chi Ho A. Lee  Nagarajan 16-13-2  Attorney Docket Number  Nagarajan 16-13-2  After Atlowance Communication to Technology Center (TC)  Appeal Communication to Board of Appeals and Interferences  Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)  Provisional Application  Prover of Attorney, Revocation Change of Correspondence Address  Chief Enclosure(s) (please identify below):	Under the Paperwoo	N PORTBOOK		·				
FORM (to be used for all correspondence after initial filting)  First Named Inventor  Art Unit				Application Number	09/687,348			
Art Unit   2663   Examiner Name   Chi Ho A. Lee	<del>-</del>			Filing Date	October 12, 2000			
Examiner Name				First Named Inventor	Nagarajan			
Attorney Docket Number   Nagarajan 16-13-2	(to be used for all correspondence ofter Initial filing)			Art Unit	2663	2663		
See Transmittal Form				Examiner Name	Chi Ho A. Lee			
Fee Transmittal Form	Cotol Number of Pages In Th	is Submission	74	Attorney Docket Number	Nagarajan 16-13-2			
Fee Transmittal Form	Oga Number of Cagoo			SUIDES (check all that apply)				
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Fee Attached	Fee Transmittal Form		Drawir	ng(s)	Technology Center (TC)			
Amendment / Reply (15 pgs-)  After Final Provisional Application Propretion to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Address  Aftidavtis/dectaration(s) Power of Attorney, Revocation Change of Correspondence Address  Terminal Disclaimer Other Enclosure(s) (please identity below):  Request for Refund Converting Converting Court of CD(s)  Information Disclosure Statement Request Provisionation Disclosure Statement Remarks  Remarks  Signature Of Attorney, Revocation Change of Correspondence of CD(s)  Response to Missing Parts/Incomplete Application Response to Missing Parts under 37 CFR  1.52 or 1.53  Signature Of Application Accordance of CD(s)  Signature Of Application Accordance of CD(s)  Signature Of Application Accordance of CD(s)  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Posorice with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 14 Alexandria, VA 22313-1450 on the date shown below.  Typed or printed name Accordance Date Dec. 1, 2004	Fee Attached		Licens	ing-related Papers	Appeal Communication to Board of Appeals and Interferences			
After Final	Amendment / Reply (	(5 pgs.)	Petitio	n .	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
Affidavits/declaration(s)		123	Petitio	n to Convert to a sional Application	Proprietary Information			
Express Abandonment Request    Request for Refund	Power			of Attorney, Revocation	Status Letter			
Express Abandonment Request	Term			nal Disclaimer	Other Enclosure(s) (please identify below):			
Express Abandonment Request	Z Data Land of the		Requ	est for Refund	Facsimile Transmission Sheet			
Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Or Individual name  Gregory C. Reniań, Reg. No. 29,695 Moser, Patterson & Sheridan, LLP  Signature  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Poservice with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 14 Alexandria, VA 22313-1450 on the date shown below.  Typed or printed name  G. C. RANIERI  Date  DEC. 1, 2004	Express Abandonment Request		I = '			•		
Certified Copy of Priority Document(s)  Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm Or Individual name  Signature  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Poservice with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 14 Alexandria, VA 22313-1450 on the date shown below.  Typed or printed name  G. C. RANIERI  Date  Date  Date  Date  Date  Dec. 1, 2004	Information Disclosure Statement				<u> </u>			
Response to Missing Parts/ Incomplete Application  Response to Missing Parts under 37 CFR 1.52 or 1.53  SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  Firm or Individual name  Signature  Date  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Poservice with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 14 Alexandria, VA 22313-1450 on the date shown below.  Typed or printed name  G. C. RANIERI  Date  DEC. 1, 2004	Certified Copy of Priority		Rem	arks				
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Signature  Date  Dec. 1; 2004  CERTIFICATE OF TRANSMISSION/MAILING  I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Polyservice with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 14 Alexandria, VA 22313-1450 on the date shown below.  Typed or printed name  G.C. RANIERI  Date  DEC. 1, 2004	Firm Gregory C. Ranień, Reg. No. 29,695							
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I hereby certify that this correspondence is being facsimlle transmitted to the USPTO or deposited with the United States Polyservice with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 14 Alexandria, VA 22313-1450 on the date shown below.  Typed or printed name  G.C. RANIERI  Date  DEC. 1, 2004								
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PTO/SB/17 (10-04v2)
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Complete if Known

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FEE TRANSMITTAL			Application Number			09/687,348			
for FY 2005						October 12, 2000			
1			First Named Inventor Na			lagarajan			
Effective 10/01/2004. Petent fees are subject to annual revialon.						Chi Ho A. Lee			
Applicant claims small entity status. See 37 CFR 1.27						2863			
TOTAL AMOUNT OF PAYMENT (\$) 980									
TOTAL AMOUNT OF PAYMENT (8) 980		Attorney Docket No. Nagarajan 16-13-2							
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)  3. ADDITIONAL FEES							
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Deposit Account 20-0782		1051	(\$) 130	2051	65	Surcharge - late filing	fee or oath		
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Account Moser, Patterson & Sheridan, LLP Name		1812	2,520	1812	2,520	Non-English specificat	ex parte reexamination :	<del>                                     </del>	
The Director is authorized to: (check all that apply)		1804	920-	1804	920	Requesting publication	•	$\vdash$	
☑ Charge fee(s) Indicated below ☑ Credit any overpayment						Examiner action			
<ul> <li>Charge eny additional fee(s) or any underpayment of fee(s</li> <li>Charge fee(s) indicated below, except for the filling fee</li> </ul>	i)	1805	1,840°	1805	1,840*	Requesting publication Examiner action	of SIR after		
to the above-dentified deposit account.		1251	110	2251	55	Extension for reply will	hin first month		
FEE CALCULATION		1252	430	2252	216	Extension for reply wit	hin second month		
1. BASIC, FILING FEE		1253	BBO	2253	490	Extension for repty wit	hin third month	980	
Large Entity Small Entity		1254	1.530	2254	765	Extension for reply wit	hin fourth month		
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1001 790 2001 385 Utility filing fee		1401	340	2401	170	Notice of Appeal			
1002 350 2002 175 Design filing fee		1402	340	2402	170	Filing a brief in suppor	• •		
1003 550 2008 275 Plant filing fee	<del></del>	1403 1451	300 1,510	2403 1451	150 1,510	Request for oral hearl	-		
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		1453	1,370	2453	685	Petition to revive - uni		-	
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SUBMITTED BY Complete (if applicable)									
Name (Print/Type) Gregory C. Rafileri Registration No. (A						(732) 530-9404			
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Children and the comment				_			D. John H.Kansum		<b>\</b>	
FEE TRANSMITTAL			Application Number 09/687,948							
							Optober 12, 2000			
for FY 2005										
Effective 10/01/2004. Patent fees are subject to annual revision.				irst Named Inventor Nagarajan						
		1	Examir	Examiner Name Chi Ho A. Lee						
Applicant claims	small entity status. See 37 C	FR 1.27	Art Uni	Art Unit 2668						
TOTAL AMOUNT OF	PAYMENT (S) 980		Attorne	Attorney Docket No. Nagerajan 16-13-2						
	PAYMENT (check all that apply)			FEE CALCULATION (continued)						
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The Director is authorize	d to: (check all that apply)		1804	920*	1804	92 <b>0</b> °	Requesting publication of Examiner action	f SIR prior to		
Charge fee(s) Indicated	I below	nlis 6)	1605	1,840*	1805	1,840	Requesting publication of Examiner action	if SIR after		
to the above-identified dep	posit account.		1251	110	2251	55	Extension for reply within	n सिर्च्य १९२०मध्य		
	FEE CALCULATION	_	1252	430	2252	215	Extension for reply within			
1. BASIC, FILING	FEE		1253	980	2253	490	Extension for reply within		980	
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107	(5) S95 Utility filing fee	ree Faid	1401	340	2401	170	Notice of Appeal			
1001 790 2001 1002 350 2002	175 Design filing fee		1402	340	2402	170	Filing a brief in support of			
1002 350 2002 1003 550 2003	275 Plant filing fee		1403	300	2403	150	Request for oral hearing		<b></b>	
1004 780 2004	395 Reissue filing fee		1451	1,510	1451	1,510	Petition to institute a pu		$\vdash$	
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			1501	1,370	2501	665	Utility issue fee (or relate Design issue fee	sue)	1	
2. EXTRA CLAIM FE	ES FOR UTILITY AND REISS	ŲE	1502 1503	490 680	2502 2503	245 330	Plant issue fee			
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	<u>Entity</u>		دمج,			J	(37 CFR § 1.129(a))	•	<u> </u>	
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1201 88 2201 1203 300 2203	150 Multiple dependent claim,	, if not paid	1801	790	290	995	Request for Continued E			
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or number previously paid, if greater, For Reissues, see above							SUB	TOTAL (3) (5)	360	
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A				γ/Ageπt)	29,69	15	Telephone	(732) 530-9404	•	
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#### **PATENT APPLICATION**

Applicant:

Ramesh Nagarajan

Case: Nagarajan 16-13-2

Serial No.:

09/687,348

Filed: October 12, 2000

Examiner:

Chi Ho A Lee

Group Art Unit: 2663

Confirmation No:

9948

Title:

DATA COMMUNICATIONS NETWORKS WITH HIGH PERFORMANCE

AND RELIABILITY

Mail Stop Amendment COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

#### RESPONSE UNDER 37 C.F.R. §1.111

SIR:

In response to the Office Action dated June 1, 2004 (Paper No. 3), please amend the above-identified patent application as follows:

Amendments to the Claims begin on page 2 of this paper; and Remarks begin on page 9 of this paper.

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